Public Works (1910) Department.

G.O., No. 200-01 I

DATED 22/6/1910.

The Notes
in this G.O. have been printed.

[Despatch Abstract.]

New Steam Launch on the Periyar Lake

A revised estimate, amounting to Rs. 35,000, for the —, approved with remarks and a Copy of the Proceedings together with the estimate ordered to be forwarded to the Govt. of India for early sanction.

New Steam Launch on the Periyar Lake

Forwarding to the Govt. of India for early sanction a revised estimate of Rs. 35000 for the ——.

[illegible]/26/2r
Indexed. 29/6

P. W. 9.
1,250—22-7-09.

[illegible]
23/6/10

[illegible]

Government of Madras.

PUBLIC WORKS DEPARTMENT.

IRRIGATION.
ACCOUNT.

Recd. } 1910. *Enclosures*

Regd. *Spare copies*

G.O., Nos. 200, 201 I., 22nd June 1910.

New Steam Launch on the Periyar Lake

Forwarding to the Government of India, for early sanction, a revised estimate of Rs. 35,000 for the —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers :—

I

G.O., Nos. 313, 314 I., dated 11th July 1907.

ABSTRACT.—Approving, with remarks, an estimate amounting to Rs. 27,500 for the purchase of a new steam launch for the Periyar lake and ordering that the estimate be forwarded to the Government of India for sanction.

II

G.O., No. 344 I., dated 2nd August 1907.

ABSTRACT.—Communicating to the officers concerned the sanction of the Government of India to an estimate of Rs. 27,500 for a new steam launch for the Periyar lake and ordering that the Deputy Director, Royal Indian Marine, Calcutta, be requested to put the work in hand at once.

III

From the Dy. Dir. of R.I.M. Dockyard, Calcutta, dated 24th June 1909, No. 1597.
To the Superintending Engineer, VI Circle, dated 2nd July 1909, R.O.C. No. 795.
From the ,, VI ,, ,, 23rd ,, ,, No. 607 C.E.
To the Dy. Dir. of R.I.M. Dockyard, Calcutta, dated 8th Aug. 1909, R.O.C. No. 1191-1.
To the Superintending Engineer, VI Circle, dated 8th Aug. 1909, R.O.C. No. 1191-2.
From the Dy. Dir. of R.I.M. Dockyard, Calcutta, dated 28th July 1909, No. 1597/1st R.
From the ,, ,, ,, ,, 16th Aug. ,, ,, 2030.
To the Superintending Engineer, VI Circle, dated 24th Aug. 1909, R.O.C. No. 1191.
To the ,, VI ,, ,, 23rd Aug. ,, (Reminder).
From the ,, VI ,, ,, 1st Sept. 1909, No 715 C.E.
To the ,, VI ,, ,, 4th Oct. ,, R.O.C. No. 1191.
From the Dy. Dir. of R.I.M. Dockyard, Calcutta, dated 8th Oct. 1909, No. 1597/2nd R.
To the ,, ,, ,, ,, 15th Oct. ,, R.O.C. No. 795.
From the Superintending Engineer, VI Circle, dated 15th Oct. 1909, No. 859 C.E.
,, ,, VI ,, ,, 13th Nov. ,, ,, 949 ,,
,, ,, VI ,, ,, 28th ,, ,, ,, 988 ,,

IV

Letter—from T. W. S. SMYTH, Esq., Superintending Engineer, VI Circle.
To—the Chief Engineer for Irrigation.
Dated—Camp Kodaikanal, the 26th April 1910.
No.—442 C.E.

I have the honour to forward herewith, for your approval and sanction of Government, a revised estimate, amounting to Rs. 35,000, for a new steam launch for use in the Periyar lake.

2. The excess of Rs. 7,500 (as per details given in the revised estimate) over the estimate sanctioned in G.O., No. 344 I., dated 2nd August 1907, is mainly due to the inadequate provision made in the original estimate for frieght and other miscellaneous charges and distributed as follows :—

	RS.
(i) Launch—cost of construction	973
(ii) Freight charges	5,547
(iii) Miscellaneous charges	980
Total ...	7,500

3. As the work has been nearly completed, early sanction to the estimate is requested to avoid audit objections from the Examiner of Public Works Accounts, Madras.

V

Note by the Chief Engineer for Irrigation, dated 8th June 1910.

In the circumstances stated in the last of the Superintending Engineer's letters read above, the revised estimate of Rs. 35,000 for the Periyar steam launch received therewith may be approved and forwarded for the sanction of the Government of India.

2. The date of completion of the work may be extended to the 31st March 1911.

3. The Superintending Engineer should expedite the return of the completion certificate forwarded to him with this office R.O.C. No. 795 of 1909, dated 2nd July 1909.

C. A. SMITH,
Chief Engineer for Irrigation.

Order—No. 200 I., dated 22nd June 1910.

The revised estimate, amounting to Rs. 35,000, for the new steam launch on the Periyar lake, is approved in supersession of the estimate of Rs. 27,500 sanctioned by the Government of India in their telegram No. 1157 W., dated 18th July 1907.

2. The date of completion of the work may now be fixed as 31st March 1911.

3. The attention of the Superintending Engineer, VI Circle, is drawn to paragraph 3 of the note by the Chief Engineer for Irrigation.

4. Ordered that a copy of these proceedings together with the revised estimate be forwarded to the Government of India with a request that sanction thereto may be communicated at an early date.

[Here enter No. 201 I., dated 22nd June 1910.]

(True Extract.)

C. A. SMITH,
Joint Secretary to Govt., P.W.D.,
Irrigation Branch.

To the Chief Engineer for Irrigation.
,, Superintending Engineer, VI Circle.
,, Examiner, Public Works Accounts.

Endorsement—No. 201 I., dated 22nd June 1910.

Forwarded.

(By Order.)

C. A. SMITH,
Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

7

PUBLIC WORKS DEPARTMENT
(IRRIGATION BRANCH).

NOTES CONNECTED WITH G.O., No. 200 I., DATED 22ND JUNE 1910.

[SUBJECT.—*Revised estimate of Rs.* 35,000 *for the new steam launch for the Periyár lake.*]

From the Deputy Director of Royal Indian Marine Dockyard, Calcutta, dated 24th June 1909, *No.* 1597.

[To the Superintending Engineer, VI Circle, dated 2nd July 1909, R.O.C. No. 795 of 1909.]

From the Superintending Engineer, VI Circle, dated 23rd July 1909, *No.* 607 *C.E.*

Under Secretary—

The Superintending Engineer, VI Circle, submits the correspondence between him and the Executive Engineer, Madura division, regarding the erection at site of the new Periyár launch built at the Royal Indian Marine Dockyard, Calcutta, and asks for orders as to by whom her erection or re-erection at Periyár is to be supervised. Mr. Brown stated that an expert should be sent for from the Dockyard to erect the launch and to run a measured mile before she was finally taken over. The Superintending Engineer asked him if it was not possible to fit up the parts locally as the several parts had been arranged to be carefully numbered and marked for re-erection before despatch by the Dockyard authorities. Mr. Brown states that it is a risk to expect the class of subordinates now at Periyár to fit the type of engine provided for the launch, the fitting of which "certainly requires special knowledge and previous experience." The Superintending Engineer suggests that the General Superintendent, Public Works Workshops, Madras, be asked to undertake the erection or failing him that Mr. E. Logan* be asked to do so. He adds that he is himself making enquiries on the subject of obtaining the latter's services.

* It is not known who this gentleman is but probably he belongs to the South Indian Railway.

2. It will be seen that, as regards the motor launch made for the Kistna Delta by the Royal Indian Marine Dockyard, Bombay, the following action was taken previous to, and following, the despatch of the vessel to Bezwada. When the launch was being fitted up at Bombay, the Director, Royal Indian Marine, suggested that an official be sent from Madras to witness it when ready for running and at the same time to see the boat before it was dismantled for packing and despatch. Mr. Brown, then Executive Engineer, Kistna northern division, was accordingly sent to witness the trials and to arrange with the Dockyard authorities as to what was necessary for the re-erection of the launch on its receipt in Bezwada. Subsequently when the packages containing the parts of the vessel were received at Bezwada it was arranged by the Superintending Engineer in consultation with the Director that two artificers should be sent from the Dockyard, one to superintend the erection of the hull and the other to superintend the erection of the machinery. These men were to be paid double salary while

employed on the work. The artificer sent to supervise the erection of the machinery was unable to start the engine in spite of repeated attempts, and accordingly the Superintending Engineer requested the Director of the Dockyard to send a more competent person. The Inspector of machinery was then sent by the Director on condition that he was paid Rs. 8 per day in addition to $1\frac{1}{3}$ first-class railway fare to and from Bezwada. This officer was able to start the engine after working at it for 10 days and to make a successful run. The Superintending Engineer's report on this point and on the measures proposed to be taken to drive her is contained in his letter No. 370 I., dated 4th November 1908. In this connection the history of the Negapatam launch obtained from England will also be remembered.

3. In the case of the Periyár steam launch now in question it will be seen that no officer could be sent to witness the trial run and to consult the Dockyard authorities about the despatch of the parts to Periyár. Now as regards the erection at site, the Deputy Director, Royal Indian Marine, Calcutta, may be asked to send one or two competent artificers to Periyár.

For orders.

A.S.N.
28–7–09.

S.S.
29–7–09.

Joint Secretary—

It does not seem much use expecting the workshops to be able to supply anyone capable of carrying out the work satisfactorily as they are very short-handed and Mr. Peirce is in England.

Mr. Logan who was as you doubtless know on the Periyár works in charge of machinery and afterwards with Messrs. Parry & Co. has recently set up in business in Madras as an expert Mechanical Engineer; he would probably do the work satisfactorily if he looked after it personally but of course he would expect to be paid rather highly if he spent a month or two at Periyár. The best course would probably be to get the Royal Indian Marine to take up the work.

C. A. SMITH.
7–8–09.

T. W. S. SMYTH.
3–8–09.

Draft to Deputy Director, Royal Indian Marine, herewith. If he agrees we can tell Superintending Engineer, VI Circle, to settle details with him direct.

C. A. SMITH.
7–8–09.

[Issued as R.O.C. No. 1191–1, dated 8th August 1909.]

From the Deputy Director, Royal Indian Marine Dockyard, Calcutta, dated 28th July 1909, *No.* 1597-*R*.

From the Deputy Director, Royal Indian Marine, Calcutta, dated 16*th August* 1909, *No.* 2030.

Under Secretary—

The Deputy Director states that he cannot send either of the foremen in the Dockyard to superintend the fitting up of the launch at Periyár but that, if approved, he will send Mr. Bird, a mechanic, employed in the Dockyard on daily hire and who superintended the packing of the different sections of the vessel for despatch. The Deputy Director suggests that Mr. Bird be paid his travelling expenses and wages at Rs. 12 per working day of 8 hours and an overtime fee of Rs. 1–4–0 per hour.

2. It would be desirable to get the services of a foreman or other permanent employee of the Dockyard, but in the absence of any such person, Mr. Bird, will, it is thought, have to be accepted. The wages recommended on behalf of Mr. Bird appear,

however, to be rather high. The Inspector of Machinery, who was deputed from the Bombay Dockyard to fit up the Kistna launch at Bezwada was paid only Rs. 8 a day and no overtime fees.

A.S.N.
20–8–09.

S.S.
20–8–09.

Telephonic message from the Manager, Office of the Chief Engineer for Irrigation, to the General Superintendent, Public Works Workshops, dated 20th August 1909.

Please refer to this office endorsement, Ref. on Cur. No. 1070, dated 15th July 1909, and say whether the packages containing the parts of the new launch for the Periyár lake have been received from Calcutta and sent on to the Executive Engineer, Madura Division.

Telephonic message from the General Superintendent, Public Works Workshops, to the Manager, Office of the Chief Engineer for Irrigation, dated 23rd August 1909.

[*Reference your message dated* 20*th.*]

All the packages have been despatched to the Executive Engineer, Madura Division, with the exception of one rudder end which is being shipped to Negapatam this week to the address of the Executive Engineer, Madura Division, care of Port Officer, as the General Traffic Manager, South Indian Railway, refused to accept for despatch the same by goods train as it exceeds standard dimensions. The Executive Engineer, Madura Division, has been asked to send one of his subordinates to take charge of the same at Negapatam and forward it to Tikoti on a special trolley I am sending.

The Deputy Director says practically nothing as to Mr. Bird's qualifications. He is only a temporary hand and is too highly paid to be placed under the supervisor Natesa Aiyar; so he will work almost without supervision and may linger over the work an unconscionable time. The proposal seems to me most unsatisfactory and I would recommend the alternative of employing Mr. E. Logan if possible on a lump sum contract.

C.A.S.
23–8–09.

T.W.S.S.
23–8–09.

Send copies of this letter to Deputy Director and the reply to Superintending Engineer, VI Circle, with a remark that the proposal does not appear to be satisfactory and it will probably be preferable to get the work done either by the Workshops or Mr. Logan if that gentleman will undertake it on reasonable terms.

Ask Superintending Engineer to consider and report further what he would propose.

C.A.S.
23–8–09.

Under Secretary—

A draft endorsement to the Superintending Engineer is submitted for approval. The Deputy Director requires a reply to his letter No. 2030, dated 16th August 1909, regarding the engagement of Mr. Bird, a temporary hand in the Dockyard. Submitted that the reply may be deferred till the Superintending Engineer's report is received.

M.S.V.
24–8–09.

Yes.

T.W.S.S.
24-8-09.

[Endorsement to the Superintending Engineer, VI Circle, issued as R.O.C. No. 1191, dated 24th August 1909.]

[Reminder to the Superintending Engineer, VI Circle, dated 23rd August 1909, calling for the return of the completion certificate of the work.]

From the Superintending Engineer, VI Circle, dated 2nd September 1909, *No.* 715 *C.E.*

[Revised Memorandum sent to the Superintending Engineer, VI Circle, as R.O.C. No. 1191, dated 4th October 1909.]

From the Deputy Director, Royal Indian Marine, No. 1597/*2nd R., dated 8th October* 1909.

Under Secretary—

The Deputy Director reminds this office of the completion certificate for the steam launch sent in June last and requests that the certificate may be returned countersigned at an early date. This certificate was forwarded to the Superintending Engineer, VI Circle, for countersignature and return with endorsement Ref. No. 795, dated 2nd July 1909. On a reminder sent to him in the end of August last, the Superintending Engineer stated that the parts of the launch had been received and that the certificate would be returned countersigned after the launch had been erected. It was proposed to await his reply to a reference made to him in the meantime enquiring whether it would be advisable to get the launch erected by the Madras Public Works Workshops or by Mr. Logan.

2. Now that he has since been asked, in modification of the above reference, whether the erection of the launch could not be supervised by Mr. Roberts of the Divi Pumping Project in addition to other work at Periyar, it is submitted that a reply may be sent to the Deputy Director intimating what prevents the countersignature of the certificate and when it can be sent.

A.S.N.
11-10-09.

A draft letter to the Deputy Director is put up. It is doubtful whether he will agree to the postponement of the transmission of the completion certificate—*vide* final orders passed in this office R.O.C. No. 1191, dated 4th October 1909.

S.S.
12-10-09.

J.M.L.
15-10-09.

H. E. CLERK.
15-10-09.

[Memorandum to the Superintending Engineer, VI Circle, R.O.C. No. 795, dated 15th October 1909.]

From the Superintending Engineer, VI Circle, dated 15th October 1909, *No.* 859 *C.E.*

"To lie over pending the erection of the launch and the receipt of the completion certificate."

S.S.
28-10-09.

J.M.L.
29-10-09.

From the Superintending Engineer, VI Circle, dated 13th November 1909, No. 949 C.E.

Under Secretary—

The Superintending Engineer, VI Circle, forwards for information a copy of his letter to the Superintending Engineer, II Circle, enquiring if the services of Mr. Roberts, Superintendent, Divi Pumping Project, can be spared for three months from the 15th February 1910. The result of this reference and the receipt of the completion certificate after the launch has been erected, may be awaited.

J.M.L.

G.V.
19-11-09.

K.P.A.
19-11-09.

J.M.L.
22-11-09.

From the Superintending Engineer, VI Circle, dated 29th November 1909, No. 988 C.E.

Under Secretary—

The Superintending Engineer, II Circle (Mr. Murry), states that he is unable to lend the services of Mr. Roberts to supervise the erection of the Periyár launch.

2. In forwarding the letter, the Superintending Engineer, VI Circle, enquires whether other arrangements may be made for fitting up the launch or whether Mr. Roberts' services could be made available by making temporary arrangements for filling up the post of the Sub-Divisional officer, Divi.

3. If the latter proposal is approved, Secretary may be asked to place a Sub-Divisional officer in charge of Divi temporarily for three months during the closure. If this proposal is not accepted, the work will have to be done either by the Workshops or by Mr. Logan. Please see Memorandum, R.O.C. No. 1191, dated 24th August 1909.

For orders.

G.V.
3-12-09.

K.P.A.
3-12-09.

S.S.
4-12-09.

Demi-official from C. A. SMITH, Esq., Chief Engineer for Irrigation, to H. E. CLERK, Esq., Superintending Engineer, VI Circle, dated 4th December 1909, R.O.C. No. 1191.

With reference to your No. 988, dated 29th November 1909, I am writing demi-official to Murray and will let you know the result in due course.

Demi-official from C. A. SMITH, Esq., Chief Engineer for Irrigation, to S. B. MURRAY, Esq., Superintending Engineer, II Circle, dated 4th December 1909.

Your 575 M. of 19th November 1909 to Superintending Engineer, VI Circle.

Superintending Enginer, VI Circle, applied to you for Roberts' services under instructions from me as Chief Engineer for Irrigation. I forgot at the time that he was in charge of the sub-division, but I do not think that this need necessarily prevent his going to Periyár during the non-pumping season.

I shall be glad to know whether you cannot manage to put some one else temporarily in charge of the sub-division.

If necessary Secretary will be asked to post you an extra man.

I do not think there is any necessity to keep Roberts for fitting up the emergency shutter but I should like him, if possible, to do the launch and the escape shutters which work should not, I think, take more than two months at the outside, *i.e.*, say from 15th February to 15th April.

Please think this over and let me know if you cannot manage to meet my wishes. If it is really too inconvenient to spare Roberts would Le Faucheur do for the job, but I should much prefer Roberts as it is important that the escape shutter should be placed beyond suspicion and we are not quite certain yet what is the real defect which has caused them to jam.

Demi-official from S. B. MURRAY, Esq., Superintending Engineer, II Circle, to C. A. SMITH, Esq., Chief Engineer for Irrigation, dated 10th December 1909.

I will agree to Roberts being taken away from 15th February till 15th April, but I tell you straight out I do so unwillingly. If a man is appointed to a circle for a definite charge it is not right that he should be liable to be called away at any time for work in other circles. If the Madras shops has not got a man capable of putting a launch together or of repairing escape shutters then for goodness sake let us be honest about it, tell Government so, and ask them for sanction for a Mechanical Engineer.

To come down to detail, there is no reason why Roberts should not be away from his engine-house during the two months for which you ask for him. There have been no accidents to the pumps or engines this year, so he will have lots of time for the ordinary overhauling which they require. Besides, Le Faucheur is quite competent to do this in Roberts' absence.

His other works to be done before next pumping season are the revetment of the loop channel up to the Puligadda arm, and a crowd of small works aggregating Rs. 39,000 throughout the island. The former only is important, and if it is not carried out this year it will mean considerably increased expenditure in 1911 as the channel has begun to scour, and widen badly. I have nobody I can put in charge of the sub-division during Roberts' absence, and I must ask you to arrange with Wilson for a man senior enough for the charge.

Very urgent. Papers at once.

C.A.S.
13-11-09.

Will Secretary be good enough to arrange for temporarily transferring Mr. Roberts to Madura division for superintending the rectification of defects in the Periyar R. B. escape shutter and for fitting up the new steam launch. The machinery of the latter is stated to require special care and the proposal to depute Mr. Roberts for the purpose is considered to be the best. There is also an emergency gate to be fitted up at the Teckady Head sluice but as the lake is high this year it is uncertain whether this can be done this year and it may be left out of consideration.

If Superintending Engineer, II Circle, can spare Mr. Roberts earlier it might be as well if he went up before February 15th so as to finish the work before the June season begins.

Superintending Engineers, VI and II Circles, might arrange this in direct consultation.

It will be seen from Mr. Murray's last demi-official that he will want some one for charge of Divi sub-division during Mr. Robert's absence.

C.A.S.
13-12-09.

To the Public Works Department u.o.

PUBLIC WORKS DEPARTMENT.

Under Secretary—

A draft minute temporarily transferring Mr. Roberts to the Madura division for the special work in Periyar is submitted.

The Superintending Engineer, II Circle, Mr. Murray, wants some one senior enough for the charge of the Divi sub-division during Mr. Roberts' absence. Mr. F. C. L. Clift, Assistant Engineer, who is due to return from special leave on the 17th January next and who before proceeding on leave was attached to the II Circle, may perhaps be reported to the circle in compliance with the Superintending Engineer's present demand. It was the intention to post Mr. Clift to the I Circle in place of Nilakanta Aiyar, Assistant Engineer, transferred to the II Circle. As the Superintending Engineer, I Circle, has a spare Assistant Engineer for sub-divisional charge and as he (the Superintending Engineer) has already posted him to the sub-division, vacated by Mr. Nilakanta Aiyar, it is not now necessary to post Mr. Clift to the I Circle. He may, therefore, rejoin the II Circle on return from leave. The draft minute put up provides for this also. The minute may be submitted to His Excellency the Governor for approval.

P. HAWKINS.
1-12-10.

R.G.
17-12-09.

Secretary—

P. HAWKINS.
17-12-09.

His Excellency.

F. J. WILSON.
17-12-09.

A. L[AWLEY].
17-12-09.

In communicating this order say the Superintending Engineers, II and VI Circles, will fix in consultation the date of Mr. Roberts' relief.

F.J.W.
17-12-09.

[Issued as Minute No. 15-C., dated 3rd January 1910.]

Under Secretary—

The minute having issued, this file may be returned to the Chief Engineer for Irrigation u.o.

R.G.
7-1-10.

T.S.R.
7-1-10.

P.H.
9-1-10.

To the Public Works Department (Irrigation) u.o.

Public Works Department
(Irrigation Branch).

Under Secretary—

The file may lie over pending the erection of the launch and the receipt of the completion report.

K.P.A.
12-1-10.

S.S.
18-1-10.

Yes.

J.M.L.
19-1-10.

From the Superintending Engineer, VI Circle, No. 442 *C.E., dated* 26*th April* 1910.

Under Secretary—

In G.O., No. 344 I., dated 2nd August 1907, an estimate amounting to Rs. 27,500 was sanctioned for the construction of a new steam launch required for use on the Periyár lake.

With his letter quoted above, the Superintending Engineer, VI Circle, forwards a revised estimate for the launch amounting to Rs. 35,000. The excess, viz., Rs. 7,500, occurs under freight and miscellaneous charges and in the cost of the construction at the dockyard, for which insufficient provision was made in the original estimate.

For orders if the revised estimate may be submitted to the Government of India for sanction, or may lie over till the receipt of the completion certificate sent for Superintending Engineer's countersignature in reference on C. No. 795, dated 2nd July 1909.

G.V.
10-5-10.

M.S.V.
10-5-10.

Joint Secretary—

Considering that the boiler has just reached or expected to reach Thekkadi and that the difficulty of getting the boiler there was more than expected, we may wait the final actual cost before sending in the revised estimate to India.

J.M.L.
11-5-10.

Mr. Roberts being required at Divi has been ordered to be relieved without waiting for the completion of the launch which will have to lie over for the present.

The revised estimate should therefore be now checked for sanction.

C.A.S.
26-5-10.

Under Secretary—

A draft order on the revised estimate is submitted and may, if approved, be circulated to His Excellency.

T.S.R.
2-6-10.

M.A.
2-6-10.

Note for His Excellency—

The file relates to a revised estimate of Rs. 35,000 for the new launch for the Periyár lake.

The original estimate for Rs. 27,500 was sanctioned in G.Os., Nos. 313 I., dated 11th July 1907, and 344 I., dated 2nd August 1907.

The excess is made up as follows :—

	RS.
(1) Cost at dockyards	973
(2) Freight	5,547
(3) Fitting and miscellaneous charges	980
Total ...	7,500

For (1) the dockyards are responsible and (2) and (3) are due to the cost of freight and fitting charges having been underestimated.

The cause of the heavy excess in (2) is that very great trouble has been experienced in getting the boiler up. It has been over two months on the road, and was very difficult indeed to get it up the Kumili ghat road.

Under the circumstances, it is submitted that the revised estimate may be passed, and sent on to India.

C.A.S.
8–6–10.

A. L[AWLEY].
13–6–10.

Under Secretary—

The draft order may now issue.

G.V.
14–6–10.

M.S.V.
14–6–10.

Issue.

J.M.L.
14–6–10.

[Issued as G.O., Nos. 200-201 I., dated 22nd June 1910.]

1,000—12-11-08.

Subject :—

P.W.D., IRRIGATION BRANCH.

CURRENT FILE.

Stock Form No. 141 (a).
4,000—1-6-08.

PUBLIC WORKS DEPARTMENT.

Irrigation Branch.

CURRENT No. 795

ENCLOSURES. { Plans No.
Others No.
Total

Received .... 190 }
Registered 28-6- 1909 }

SPARE COPIES.

Passed on by Registering Clerk ...
" " U. R. Clerk ...
" " Record-keeper ...
" " Drafting Officer ...

Subject.

Forwarding the Completion certificate for the Construction of the S.S. Launch for use in the Periyar Lake

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No. 1597

Station ...., *Dated the* 24-6- 1909.

From (Name) ....

(Designation) Dy: Director of R. I. M. Dockyard

To *The Chief Engineer* / *The Joint Secretary* *to the Government of Madras,*
Public Works Department,
Irrigation Branch.

Sir,

Ref. on C. No 795 d/ 2-7-09.

Forwarded to the Supg. Eng. VI circle for Countersignature and return.
(Sd) T. W. S. Smyth.
For E. J. 2.7.09.

DESPATCHED
7 JUL 1909

1 Rdr. 09.23.8.09

DESPATCHED
27 AUG 1909

1A

Stock Form No. 141.
10,000—12-1-09.

PUBLIC WORKS DEPARTMENT.

CURRENT No. 1191

ENCLOSURES. 3.	Plans No.		Received ... 190
	Others No.	3	Registered 26. 7. 1909
	Total	3	
SPARE COPIES.			

Passed on by Registering Clerk ...
" " U. R. Clerk ...
" " Referencer ...
" " Record Superintendent.
" " Drafting Officer ...

CHIEF ENGINEER FOR IRRIGATION 26 JUL 1909 No. 2191

Subject.

New Launch for the Periyar Lake

Requesting orders regarding the erection of the ——

No. 607 CE

Station, Trichinopoly, Dated the 23 July 1909.

From (Name) H. E. Clerk, Esquire,

(Designation) Superintending Engineer, VI Cir

To The Chief Engineer for Irrigation ~~The Secretary~~ to the Government of Madras,

Public Works Department.

Sir,

I have the honour to forward copies of the Correspondence which has taken place between myself and the Executive Engineer, Madura, regarding the erection of the new launch for the

Periyar

R.K.
asked for papers about Kistna motor launch.
[illegible] 7.7.09

Periyar lake. It will be seen that Mr. Brown asks that an expert should be sent from the R. I. M. Dockyard to fit up the Engines and in such matters he is much more capable of expressing an opinion than I am. He seems to suggest that if an expert from the Dockyard is not obtained, the fitting of the Engines should be left to the local staff at Periyar. I think an intermediate course might be adopted and the Superintendent, P. W. Shops should be asked [if] he can undertake to have the erection done satisfactorily. Failing him, I think it possible that Mr. E. Logan might undertake the job, and I am making enquiries on the Subject. I fully realize that the Executive Engineer himself cannot devote the necessary

time

time to the work.

I request your orders on this subject.

I have the honour to be,

Sir,

Your most obedient Servant,

[signature] 23/7/09

Superintending Engineer,

VI Circle

[initials] 21.7.09 = [initials] 22.7.09

Enclosures: — 3
Copy of E.E's letter 625 S.E / 24.6.09.
— Do — S.E's. No. 3286 / 5.7.09.
— Do — E.E's No. 712 S.E / 15.7.09.

4

Copy of letter No. 625. S.E. dated 24th June 1909, from M. Brown Esquire, Executive Engineer Madura Division, to the Superintending Engineer, VI Circle, Trichinopoly.

With reference to your No. 2384 dated 17th May 1909, forwarding letter No. 1094 dated 21st April 1909, from the Director, R.I.M. Calcutta, I have the honour to request, as the new 104 Indicated Horse Power Steam Launch for Periyar Lake is, Invd. Vert. Triple expansion Surface Condensing 3 cylinder and requires careful attention, you will be pleased to order an expert from the R.I.M. Dockyard to erect the launch at Periyar with the h[elp of] our present staff there, and run a measur[ed] mile, before it is finally taken over. A repetition of the Kistna Motor launch is not advisable; I would also request you to order the General Superintendent, Public works Workshops, Madras, to be present and to Countersign the certificate of the launch after its trial trip at Periyar, in that he considers it satisfies the Specifications in every respect.

Papers (Kee file)

(Signed) [illegible]

Supdg: Engineer, VI Circle.

[illegible] 12.7.09

5

Copy of a memorandum No. 3286 dated 5th July 1909, from H. E. Clerk, Esquire, Superintending Engineer, VI Circle, Trichinopoly, to the Executive Engineer, Madura Division:

With reference to his No. 625. S.E. dated 26th June 1909, the undersigned has the honour to forward extracts of letters from the Director General of Constructions dated 22nd December 1906 and that from the Chief Engineer for Irrigation dated 16th January 1907, from which it will be seen that the parts of the Steam launch will be carefully numbered. The question of understanding and erecting the machinery is of course slightly different and if after perusing the above correspondence the Ex: Engineer still thinks a special expert is required, the Chief Engineer for Irrigation will be addressed on the subject.

H. Clerk 23/7/09

Suptg: Engineer, VI Circle.

22.7.09

22.7.09

6

Copy of letter No. 712.S.E. dated 15th July 1909 from M Brown Esquire, Executive Engineer, Madu[ra] Division, to the Superintending Engineer, VI Circle, Trichinopoly.

"New Steam Launch, Periyar".

In continuation of this office No. 625 dated 25th June 1909, and your No. 3286 dated 5th July 1909, I have the honour to inform you that I shall be more capable of giving a decided opinion, if the detailed dimensioned plans of the machinery ar[e] sent to me showing all component parts marke[d] in exactly the same way as the machinery itsel[f] is marked for erection.

At the same time, even supposing the machine[ry] to be most systematically and correctly marked it is, I think, a risk to expect the class of sub-ordinates now at Periyar to fit this 3 cylinder Triple expansion Surface Condensing 104. I.H.P. Launch Engine, the fitting of which certainly re-quires special knowledge and previous experience.

At the same time, should you on second thou[ght] still consider that it is possible for these men a[t] Periyar to satisfactorily erect this engine, I wil[l]

do all I can to see that as few mistakes as possible are made; it will, however, be practically impossible for me to visit Periyar again for some time. I have already been there twice in 3 months and have much urgent work to see to in other parts of this large District. I will make arrangements for carrying out the final tests under steam and if possible, personally supervise her trial mile.

[signature] 23/7/09

Superintending Engineer,
II Circle.

[initials] 22.7.09 — [initials] 22.7.09

8

NOTES. Page

Camp Bezwada
8 Aug 09

Regd ROC No. 1191-1 dated 8-8-09

Draft To. Dep. Direct R.I.M.
Calcutta

I have the honour to enquire if you can arrange to depute a competent person to proceed to Penya to superintend the ~~construction~~ fitting up of the steam launch for the Penya Lake.

I think that ~~if it can~~ be there is likely to be ~~the most~~ a more satisfactory arrangement than entrusting the work entirely to local mechanics.

I shall be glad to learn at your earliest convenience what arrangements you can ~~propose~~ make.

7/8/09

Despd 8/8/09

ED Fair copy herewith submd
RD 8/8/09

ROC 1191 — 2 dated 8-8-09

Copy to S.E. VI. with reference to his D.O. of No 607CE of 23-7-09 of the division, to the letter it is the opinion of the S.E. to settle details which will the D.O. of his

Linked file re Kistna motor launch separately in Camp & put up with Cur. No 1250 will be best for the

CS.
The letters to the Enst were despatched from Camp. Please note
RD 8/8/09

Despd 8/8/09

ED for perusal
11-8-09

13/8

9

Heading.

R. I. M. Dockyard.

KIDDERPORE,

No. 1597
1st R

Calcutta, the 28th July 1909.

31 JUL 1909
No. ~~128~~ 795

SIR,

Having forwarded you a letter—

No. 1597

Date 24th June 1909

Subject— Forwarding for countersignature and return completion Certificate No. 26 of 1909-10 in triplicate for construction of S.S. Launch for use in the Periyar Lake for the Government of Madras, P.W.D.

I beg that I may receive the ~~information~~ above certificate in triplicate after countersignature at an early date.

I have the honor to be,

SIR,

Your obedient Servant.

[signature]

Captain, R.I.M.,

Deputy Director of the Royal Indian Marine.

To The Chief Engineer
for Irrigation,
Madras.

File with D.9

10/

No. 2030

R. I. M. Dockyard,
Calcutta, 16th August 1909.

CHIEF ENGINEER FOR IRRIGATION
20 AUG 1909
No. 1191
ROC

FROM

CAPTAIN W. CHANDLER R. I. M.,
DEPUTY DIRECTOR OF THE
ROYAL INDIAN MARINE,

TO

THE Chief Engineer for Irrigation,
Madras
~~Camp Bezwada.~~

SIR,

In reply to your letter No. R.O.C. 1191-1 / 8.8.09 of 8th August 1909 enquiring whether a competent person could be deputed from this Dockyard to superintend ~~ent~~ the fitting up of the Periyar Lake Steam Launch, I have the honor to inform you that I can not send either of the Foremen of the Dockyard to superintend the job.

I would suggest for your approval that a daily hir[ed] hand - Mr. Bird - could be sent, he has worked in this Dockyard for some time & superintended the packing of the different sections of the vessel.

It would be most convenient if Mr Bird's wages & expen-ses were paid direct by your Department. I consider Rs. 12/- (x) per working day of 8 hours with overtime allowance, and travel-ling expenses would be a fair rate to pay.

* @ 1-4 per hour. M.

Awaiting your reply.

I have the honor to be,
Sir,
Your Obedient Servant,

W Chandler

Captain R. I. M.,
Deputy Director, Royal Indian Marine.

11

P. W. D. IRRIGATION.

ROC No. 1191 & 24.8.09

From the Dy. Director, R. I. Marine Calcutta No. 2030 dated 16.8.09

Copy forwarded to the Supg. Engineer, VI Circle, in continuation of this office ROC 1191-2 dated 8 August 1909 with the remark that the propos[al] ~~suggested~~ made by the Dy. Director does not appear to be satis-factory and that it will probably be preferable to get the work done either by the P. W. Workshops, Madras [or] Mr Logan if he will under-take it on reasonable term[s]. The Supg. Engineer is requeste[d] to consider the matter and report what he would propose.

p 10 of file

Draft

p 8 of file

p 2 of file

TWSS
24/8/09

DESPATCHED
27 AUG 1909

24.8.09

To the Supg. Engineer
VI Circle

24.8.09

12

T.C P.-1000—6-09.

Public Works Department.

Irrigation Branch.

No 715 CE

REMINDER.	REPLY.
To Deputy THE ~~EXECUTIVE~~ ENGINEER, VI Circle. ~~Division,~~	To ROC Chief THE ~~SUPERINTENDING~~ ENGINEER, for Irrigation ~~Sixth Circle,~~ Madras
1191 CE	
The undersigned has the honour to invite the attention ~~of the Executive Engineer~~ to the reference on C. No. 795 dt 2nd July 1909 ~~quoted below~~ and to request that this reminder may be returned to this office at once with information in the margin as to:—	The prices of the launch have been received. The arrival of a fitter from the Dockyard to put it together is awaited. The Completion Certificate will be signed after the launch has been ordered.
(1) the stage at which the matter stands at present,	
~~(2) the date by which a reply may be expected, and~~	
~~(3) the circumstances which have caused the delay.~~	
(Sd) T. W. Smyth.	Duraisami Iyer
Ootacamund ~~Trichinopoly,~~ 23—8—1909.	For Superintending Engineer, VI Circle. 29/8
For Chief ~~Superintending~~ Engineer for ~~VI Circle.~~ Irrigation.	1-9-09
	1.9.09
No. dated	
Subject.	
Completion Certificate for the construction of a new launch for use on the Periyar lake.—	E. I. No. R.C 1191 / 24-8-09 has since been received.
Forwarding for counter-signature and return the—	It will be replied to after consulting the Executive Engineer
1191 CE	2/9
To lie over pending receipt of reply from the Supg. Engr. to this office memo. R.O.C. No. 1191 of 24.8.09	
M.E.S. 9/9/09	
ASM 9.9.09	

4 SEP 1909

No. 795

13 R.O.C. No 1191 d/ 4·10·09

Memo.

In modification of this office ~~No~~ ROC No 1191 d/24-8-09 the S.E. VI. is informed that it is contemplated to depute Mr Roberts the Mechanical Engr of the Divi Pumping project to supervise the rectification of defects in the gates & gearing and to supervise the erection of the emergency gate at the head sluice at the Periyar. This can only be done during the closu[re]. As the need for a new ~~[illegible]~~ launch at Periyar is not believed to be urgent it is considered that Mr Roberts might at the same time superintend the erection of her engines.

The S.E. is requested to state if he has any objection to the above proposals and if not to arrange direct with the

Despatched
[illegible] 10·09

14

S.E. II regarding Mr.
Roberts deputation to
Persia. He should be informed of the approximate
date of closure ~~[illegible]~~
~~[illegible]~~ and the time
the work is likely to take
Mr. Roberts shd be stated.
The S.E. II will then be
able to say whether Mr.
Roberts services can be
spared at that time

H.C.
7/10/09

To S.E. VI ✓
Copy to S.E. II ✓

15

Heading.

R. I. M. Dockyard.

KIDDERPORE,

No. 1597
2nd R.

Calcutta, the 8th October 1909.

S.E.A.
Draft
11/11-1909

SIR,

CHIEF ENGINEER FOR IRRIGATION
11 OCT 1909
No. 795
Rec

Having forwarded you a letter—

No. 1597

Date 24th June 1909

Subject— Forwarding for countersignature and return completed certificate No. 26 of 1909-10 in trip. for construction of S. S. Launch for use in the Periyar Lake for the Govt. of Madras, P. W. D.

I beg that I may receive the ~~information~~, above certificate in triplicate after countersignature at an early date.

I have the honor to be,

SIR,

Your obedient Servant

[signature]

Comdr ~~Captain~~, R.I.M.,

for Deputy Director of the Royal Indian Marine.

To

The Chief Engineer for Irrigation,
Madras.

16 R.O.C. No. 795 of 15-10-09

19 OCT 1909

To

The Deputy Director R.I.M.Dockyard,

Calcutta.

Sir,

With reference to your 2nd Reminder No 1597/2nd R.dated 8-10-09, regarding the completion certificate for the construction of the S.S. Launch for use in the Periyar Lake I have the honour to state that the pieces of the launch have been received. The erection of the engines is awaiting the arrival of a Mechanical Engineer who will shortly be deputed, ~~for whose deputation~~ for this purpose ~~arrangements are being made~~. The completion certificate will be signed and returned - after the launch has been erected.

15-10-09.

15/10/09

12-10-09

17

Stock Form No. 141.
10,000—12-1-09.

PUBLIC WORKS DEPARTMENT.

R.O. CURRENT No. 1191

ENCLOSURES. Plans No. / Others No.

Total

SPARE COPIES.

Received .... 190 .

Registered 18 . 10 . 1909.

Passed on by Registering Clerk ...

" " U. R. Clerk ...

" " Referencer ...

" " Record Superintendent.

" " Drafting Officer ...

1 8 OCT 1909

Subject.

Mr Roberts. Informing that he has no objections to — being deputed to Periyar

To lie over pending the erection of the launch and the receipt of the Completion Certificate

No. 859 CE

Station, Trichinopoly, , *Dated the* 15 October 1909.

From (Name) T. W. S. S M Y T H, Esquire,

(Designation) Superintending Engineer, VI Circle.

To The Chief Engineer for Irrigation / The Secretary *to the Government of Madras,*

Public Works Department.

Reference:- Your R.O.C.No.1191 dated 4th October 1909.

Sir,

With reference to the above, I have the honour to inform you that I have no objections to Mr.Roberts being deputed to Periyar to supervise the work referred to. - The Superintending Engineer, II Circle, will, as instructed be communicated with in regard to the time when

18

Mr.Robert's services will be required and the probable period the work will occupy him.

I have the honour to be,

Sir,

Your most obedient servant,

[signature]

Superintending Engineer,

VI Circle.

T. C. P.-/00-4-09.

Public Works Department.

No. 5847

OFFICE OF THE SUPERINTENDING ENGINEER,
VI CIRCLE,
TRICHINOPOLY, 190 .

Enclosures.

From
T. W. S. S M Y T H, Esquire,
~~H. E. CLERK, Esquire,~~
Superintending Engineer,
VI Circle.

To
The Superintending Engineer, II Circle,
B E Z W A D A.

17 NOV 1909
No. 1191

SIR,

pp 13-15 c/file

With reference to Irrigation Chief Engineer's Memo. R.O.C.No.1191, dated 4th October 1909, I have the honour to forward copy of letter No.1089 S.E. dated 1st November 1909, from the Executive Engineer, Madura Division, from which it will be seen that Mr.Roberts's services will be required at Periyar for about 3 months from the 15th -- February 1910. I request that I may be informed whether it would be convenient for you to spare his services --- about that time and the probable date he may be expected at Periyar.

I have &c.,
Sd/:- T.W.S.Smyth,
Suptg:Engineer, VI Circle.

No. 949 Encl. 1 Copy of Ex:Engr's letter

Copy forwarded to the Chief Engineer for Irrigation in continuation of this office No.859-C.E. dated 15th - October 1909.

pp 17-18 c/file

T W S Smyth
Suptg:Engineer, VI Circle.

13/11/09

17.11.09

P. W. D. VI CIRCLE.

FROM

THE SUPERINTENDING ENGINEER,

VI CIRCLE.

TO

THE

No.

Dated
Received } 190 .

Enclosures.

20

Copy of letter No.1089-S.E., dated 1st November 09 from M.Brown, Esquire, Executive Engineer, Madura Division, to the Superintending Engineer, VI Circle, Trichinopoly.

With reference to your No.5297 dated 15th October 1909, I have the honour to state that I am of opinion - that the services of Mr.Roberts may be availed of, to fit up the launch to rectify defects in Escape shutters, and to supervise the erection of the Emergency gate. --- The probable date on which the tunnel can be closed --- next year will be the 20th March as the shutters were opened this year only on 20th June and according to --- Standing Orders of Government this Department should -- keep the tunnel open for at least 9 months in a year. There is no objection to Mr.Roberts arriving here by the middle of February and starting the fitting up of the -- launch. He can take up the erection of the Escape gates and the Emergency gates in April or soon after the tunnel is closed.

For the above 3 works, Mr.Roberts will probably -- have to be at Periyar for about 3 months, say from 15th February 1910 to 15th May 1910.

[signature]

Superintending Engineer,
VI Circle.

12/11/09

21/ SCB

Copy of letter No.575 M dated 19th November 1909, from S.B.Murray, Esquire., A.M.I.C.E., Superintending Engineer, Second Circle, to the Superintending Engineer, VI Circle, Trichinopoly.

D.P.I. 3 DEC 1909

With reference to your letter No.5847 of no date, I have the honour to inform you that Mr. Roberts is now in charge of the Divi Sub-Division, and I regret that I shall be unable to lend you his services in February, or at any other time.

CHIEF ENGINEER FOR IRRIGATION. 1 DEC 1909 OC No. 1197

No. 988 CF

Paper Put 3.12.09

Forwarded to the Chief Engineer, for Irrigation, in continuation of this office No.949 C.E. dated 14-11-09.

2. Orders are requested whether this communication must be taken as final and other arrangements made for fitting up the launch or whether temporary arrangements will be made for filling up the post of S.D.O. Divi ---- during the closure and Mr. Roberts services made available for 3 months.

[signature] 29/11.

Superintending Engineer,

Sixth Circle.

28.11.09

24

CHIEF ENGINEER FOR IRRIGATION.
1 - MAY 1910
No.........

SUPDG. ENGINEER, No. 1604/1 14 MAR 1910 P.W.D. SIXTH CIRCLE

Report to accompany the revised estimate for the purchase of a new Steam Launch for the Periyar Lake.

Amount of Revised Estimate is ... Rs.35,000.

Amount of original Estimate sanctioned in G.O.No.313/I dated 11th July 1907. ... ... Rs.27,500.

Net excess amount requiring sanction. Rs.7,500.

In G.O.No.313/I dated 11th July 1907 the purchase of a new Steam Launch has been sanctioned and it ~~is~~ provided for the following:-

(1)	Cost of launch. ...	Rs.25,500
(2)	Freight charges ...	Rs. 1,000
(3)	Miscellaneous charges	Rs. 1,000
	Total Rs. ..	27,500.

The ~~[illegible]~~ accounts for constructing the launch at Kidderpore Dockyard at Calcutta, were received from time to time as per details enclosed in the annexed statement and the necessity for a revised estimate was not established until the receipts had actually come up the sanctioned amount, and the details necessary to complete the revised estimate were not forthcoming till much later. In this office No.1251 S.E. dated 16th December 1909 the Superintending Engineer, Sixth Circle was informed that it was anticipated that the -- sanctioned estimate would be exceeded and in reply he called for a revised estimate for this work in his No.6627 dated 23rd December 1909. Accordingly this revised estimate has been prepared and it includes all items of expenditure - likely to be incurred both for conveyance charges from - Kodaikanal Road Station to Periyar and the fitting up of the launch

Early sanction to this revised estimate is requested.

J M Oakley 8/3/10

Executive Engineer, Madura Dn

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per.	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
	Purchasing a new Steam launch for the Periyar Lake				
	(1) Cost of Construction of Launch as per details account				26473-5-9
	(2) Freight Charges —do—				6547-5-3
	(3) Miscellaneous Charges —do—				1979-5-0
	Grand Total Rs				35,000-"-"
	Rupees Thirty five thousand only				
	(Sd) J. M. Parker 8/3/10 Ex Engr Madura Dn.				
	(Sd) J. W. S. Smyth 26/4/10 Supg Engr VI Circle				
				Grand Total of Estimate ..	

STATION________

Date________ 190 .

Executive Engineer.

E. No. 32.

100,000—6-9-07.

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS).

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.

To be carried out by—

REFERENCES.

Details of Expenditure incurred & likely to be incurred on the purchase of new Steam Launch Periyar Lake

10,000—10-4-07.

ESTIMATE FORM—Detail Measurements.

Serial No. — Detail of Work.	Number.	Measurements in Feet. Cost — Length.	Breadth.	Depth.	Area or Contents.	Total ~~Quantity of each~~ description of work. Cost
1	2	3	4	5	6	7
		Rs	a	p		
(1) Construction of Launch.						
(1) March 1908 Supplemental Accounts, - accepted bill from Examiner P.W. Madras		575	14	11		
(2). September '08, E. T. No 3552 of 24-9-08		628	9	1		
(3). November 1908 Stores T.D.A. No. 387 / 5-11-08		14695	13	7		
(4) January 09 E. T. No. 4588 of 15-12-08		437	8	2		
(5) March 09 1st Supplemental Examiner T. advice 30 F of 23-4-09		1238	11	9		
(6) —do— 2nd Suppl: -do- 47 F of 30-6-09		6137	11	5		
(7) Nov: 09 Examiner T advice 23 F 24-11-09		2819	"	10		
Total Charge						26473-5-9
(2) Freight Charges.						
(1) January 09 Examiner No. 211 B/13 of 19-1-09		33	7	6		
(2) Sep: 09 P.W. Stores T.D.A. 340 of 9-9-09		368	8	6		
(3) Oct: 09 P.W. Stores T. Do - 543 of 4-10-09		1377	11	"		
(4) -do- -do- -do- 593 of 29-10-09		255	4	6		
(5) Nov: 09 S. E.s No 6139 of 23-11-09		2512	5	9		
(6) -"- Probable cost of conveyance from Kodai Road Station to Periyar		2000	"	"		
Total Charge						6547-5-3
(3) Miscellaneous Charges						
(1) Aug: 09 advance of T.A to Johnson		30	"	"		
(2) Sep 09 —do— do		50	"	"		
(3) Jany 10 —do— do		45	"	"		
(4) October 09 P.W. Stores T. Do 556 of 4-11-09		37	8	"		
(5) Probable refitting machinery & launch		1816	13	"		
Total Charges						1979-5-"
Grand Total						35,000-"-"

Rupees Thirty five thousand only

(Sd) J. M. Parker 8/3/10
Ex. Engineer.
Madura Dn.

10,000—10-[illegible]-07.

ESTIMATE FORM—Detail Measurement.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of work.
1	2	3	4	5	6	7

R.O.C. № 1191 of 09 }
d/ 1.5.10. }

6012.

Urgent

SUBJECT:— Revised Estimate amounting to Rs 35,000 for the new Steam Launch on the Periyar Lake.

PASSED ON BY 20.6.10

PUBLIC WORKS DEPARTMENT,

IRRIGATION BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read again

G.O. № 313-149 d/ 11.7.07
G.O. № 344-I d/ 2.8.07

READ the following

From the Deputy Director of R.I.M. Dockyard, Calcutta, d/ 24.6.09, № 1597.
To the Sup. Engr: , VI Circle, d/ 2.7.09, R.O.C. № 795 of 09
From — do —, d/ 23.7.09, № 607 C.E.
To the Deputy Director of R.I.M. Dockyard, Calcutta, d/ 8.8.09, R.O.C. № 1191-1 of 09
To the Sup. Engr: , VI Circle, d/ 8.8.09, R.O.C. № 1191-2 of 09
From the Deputy Director of R.I.M. Dockyard, Calcutta, d/ 28.7.09, № 1597/1st R.
From — do d/ 16.8.09, № 2030.
To the Sup. Engr: , VI Circle, d/ 24.8.09, R.O.C. № 1191 of 09
To — do —, d/ 23.8.09 (Reminder)
From — do —, d/ 1.9.09, № 715 C.E.
To — do —, d/ 4.10.09, R.O.C. № 1191 of 09
From the Deputy Director of R.I.M. Dockyard Calcutta, d/ 8.10.09, № 1597/2nd R.
To — do — d/ 15.10.09, R.O.C. № 795 of 09
From the Sup. Engr: , VI Circle, d/ 15.10.09, № 859 C.E.
From — do —, d/ 13.11.09, № 949 C.E.
From — do —, d/ 28.11.09, № 988 C.E.
Print From — do —, d/ 26.4.10, № 462 C.E.

Quote. 2 ex

Draft

P.T.O.

2

4P

Print Notes

Note by the Chief Engineer
for Irrigation.

In the circumstances stated in the last of the Supdg. Engr's letters read above, the revised estimate of Rs 35,000 for the Periyar Steam Launch, received therewith may be approved and forwarded for the sanction of the Govt. of India.

2. The date of completion of the work may be extended to the 31st March 1911.

3. The Supdg. Engr. should expedite the ~~[illegible]~~ return of ~~[illegible]~~ the completion certificate forwarded to him with this office R.O.C. No. 795 of 09 dy 2.7.09.

M of Cf.

B

3/

5P

Order No. 2001 d/22-6-10.

The revised estimate, amounting to Rs 35,000, for the new steam launch on the Periyar Lake, is approved in supersession of the estimate of Rs 27,500 sanctioned by the Govt of India in their telegram No 1157 W. dy. 18. 7. 07.

vide file of G.O. No. 344-I dy 2.8.07 — flag 3.

2. The date of completion of the work may now fixed as 31st March 1911.

3. The attention of the Supg Engr., VI Circle, is drawn to para 3 of the note by the Chief Engr. for Imgn.

4. Ordered that a copy of these Proceedings together with the revised estimate be forwarded to the Govt of India

Exam
Asst

[signature] 13.6.10

4 6P

with a request that [redacted] sanction thereto may be communicated at an early date.

Endorsement.

Order No 201 d/22-6-10

Forwarded.

Despd 19/8/10

DD

19/8/10

To

The Chief Engr for Irrgn. √ Despd 24/6/10

" Supg Engr: VI Circle MS

" Examr. P.W. accts √ Despd 12/8/10

Ordinary Post

Mh 2.6.10

2.6.10

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Exr 20-6-10